



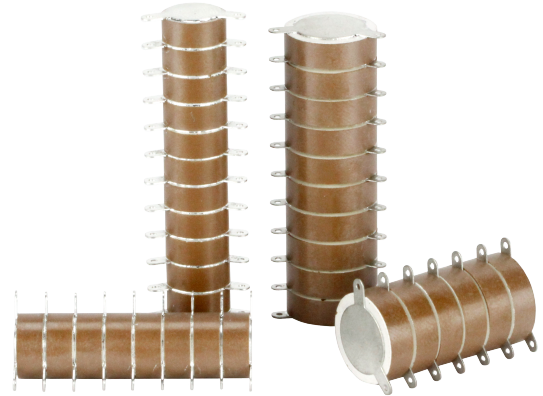
HVP
High Voltage Products. High Voltage Experts.

ST3 Series

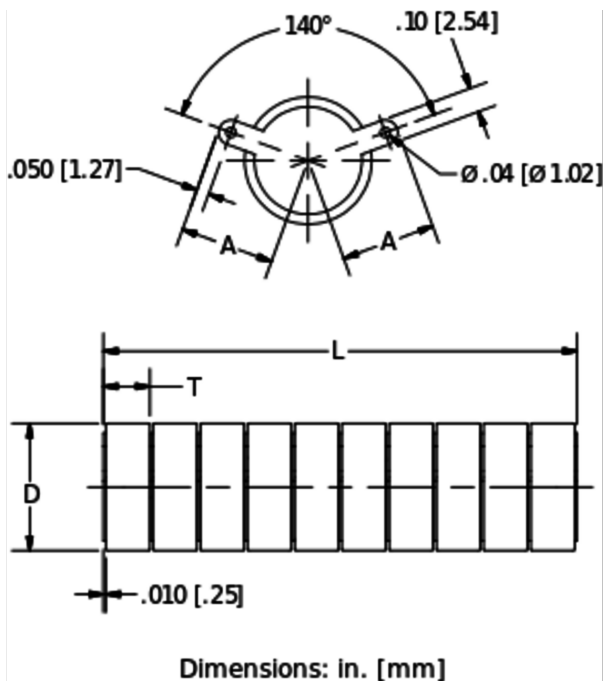
Capacitor Stacks with 140° Solder Tabs
10 kV & 12 kV, 500 & 1,000 pF, Class II

Features:

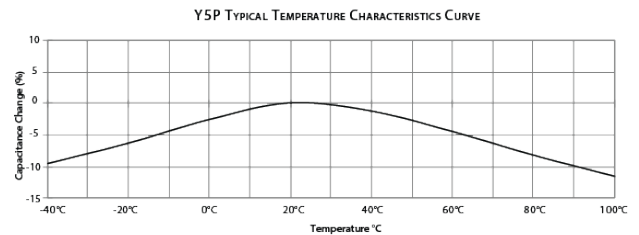
- Small and compact design
- Silver plated electrodes
- Use in oil or encapsulated
- Multiple configurations standard
- Custom versions available



Mechanical / Dimensional Data



Typical Temperature Characteristics



RoHS
COMPLIANT



Part Number	Capacitance (pF)*	Dielectric Material	Rated Voltage**	Discs in Stack	L (Max) (in. [mm])	D (Max) (in. [mm])	T (±10%) (in. [mm])	A*** (in. [mm])
ST3Y5P501M12KV04	500	Y5P	12000	4	0.79 [20.1]	0.39 [10.0]	0.18 [4.5]	0.33 [8.4]
ST3Y5P501M12KV05				5	0.99 [25.1]			
ST3Y5P501M12KV06				6	1.18 [30.1]			
ST3Y5P501M12KV07				7	1.38 [35.0]			
ST3Y5P501M12KV08				8	1.57 [40.0]			
ST3Y5P501M12KV09				9	1.77 [45.0]			
ST3Y5P501M12KV10				10	1.96 [49.9]			
ST3Y5P501M12KV11				11	2.16 [54.9]			
ST3Y5P501M12KV12				12	2.35 [59.9]			
ST3Y5P102M10KV04	1000	Y5P	10000	4	0.69 [17.6]	0.52 [13.1]	0.16 [3.9]	0.38 [9.7]
ST3Y5P102M10KV05				5	0.86 [22.0]			
ST3Y5P102M10KV06				6	1.03 [26.3]			
ST3Y5P102M10KV07				7	1.20 [30.7]			
ST3Y5P102M10KV08				8	1.38 [35.0]			
ST3Y5P102M10KV09				9	1.55 [39.3]			
ST3Y5P102M10KV10				10	1.72 [43.7]			
ST3Y5P102M10KV11				11	1.89 [48.0]			
ST3Y5P102M10KV12				12	2.06 [52.3]			
ST3Y5P102M12KV04	1000	Y5P	12000	4	0.84 [21.5]	0.57 [14.5]	0.19 [4.8]	0.38 [9.7]
ST3Y5P102M12KV05				5	1.05 [26.8]			
ST3Y5P102M12KV06				6	1.26 [32.1]			
ST3Y5P102M12KV07				7	1.47 [37.4]			
ST3Y5P102M12KV08				8	1.68 [42.7]			
ST3Y5P102M12KV09				9	1.89 [48.0]			
ST3Y5P102M12KV10				10	2.10 [53.3]			
ST3Y5P102M12KV11				11	2.30 [58.6]			
ST3Y5P102M12KV12				12	2.51 [63.9]			

* Capacitance per disc with 20% tolerance.

** Rated voltage per disc, dielectric withstand 150% of rated.

*** A dimension tolerance of ± 0.010 in. / 0.25 mm.